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25X1ACOUNTRY
USSR

REPORT NO. [REDACTED]

SUBJECT
Nuclear Equipment Displayed at Geneva

DATE DISTRI. 17 NOV '55

25X1C

NO. OF PAGES 1 NO. OF ENCLS.

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SUPPLEMENT TO REPORT #

25X1A

SOURCE

THIS IS UNEVALUATED INFORMATION

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1. The Soviet-made nuclear equipment shown at the Geneva "Atoms for Peace" Conference in August, 1955 is generally of a high order from the point of view of design, fabrication, orientation of parts and care of solder joints in electrical equipment.
2. Geiger counter-tube fabrication was first class. At least one type appeared to be machine made. I know of no US counter tube currently being produced by automatic machinery. A pair of Soviet tongs I examined were excellent, far superior to any made in the US. I plan to include the design features in my own manufacturing. The well logging scintillation counter was equal to any made in the US with good design features built in a rugged dependable manner. The sample shield is excellent, not fancy and overloaded with gadgets, but simple and effective in design.

*/*On file in CIA Graphics Register are the following ~~12~~ photographs of Soviet-made nuclear equipment exhibited at Geneva:

- (1) Tongs (CIA 180710).
- (2) Well logging scintillation counter (CIA 180711).
- (3) Surface monitor (CIA 180712).
- (4) Sample shield (CIA 180713).
- (5) Thickness gauge (CIA 180714).
- (6) Geiger counter tubes and scintillation counter (CIA 180715).
- (7) 4 pi counter (CIA 180716).
- (8) 2 pi counter (CIA 180717).
- (9) Tin oxide halogen counter (CIA 180718).
- (10) Scintillation counter and circuit (CIA 180719).
- (11) Machine made counter tube (CIA 180720).
- (12) Mass spectrometer. (CIA 180721) *2nd model*

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